

# WEST Search History

DATE: Friday, March 14, 2003

## Set Name Query side by side

## Hit Count Set Name result set

*DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L20	(cationic surfactant or cationic emulsifier or NaCl or sodium chloride cupric sulfate or copper sulfate or cupric carbonate or silver or Ag\$9 or Cu\$9) and l3	123	L20
L19	(cationic surfactant or cationic emulsifier or NaCl or sodium chloride cupric sulfate or copper sulfate or cupric carbonate or silver or Ag\$9 or Cu\$9)	1713475	L19
L18	L17 near3 example	293	L18
L17	cationic emulsifier	1642	L17
L16	cationic surfactant	17	L16
L15	L13 and l12	3	L15
L14	L13 and l13	3	L14
L13	l2 and (clean\$4 and disinfect\$3 and sanitiz\$3)	3	L13
L12	l1 and (clean\$4 and disinfect\$3 and sanitiz\$3)	6	L12
L11	l1 and (clean\$4 or disinfect\$3 or sanitiz\$3)	555	L11

*DB=USPT; PLUR=YES; OP=ADJ*

L10	L8 and (l1 and l2)	1	L10
L9	L8 and (l1 or l2)	1	L9
L8	us-5403587-\$.did.	1	L8

*DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L7	us-5403587-\$.did.	0	L7
L6	L4 same (clean\$4 or disinfect\$3 or sanitiz\$3)	6	L6
L5	L4 and (clean\$4 or disinfect\$3 or sanitiz\$3)	123	L5
L4	L2 same l1	299	L4
L3	L2 and l1	353	L3
L2	thyme oil	627	L2

*DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ*

L1	clove oil	1536	L1
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END OF SEARCH HISTORY

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

12(11)and (silver) and water

**Display:** 100 **Documents in Display Format:** - **Starting with Number** 1**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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Cases

**Search History****DATE:** Friday, March 14, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
side by side			
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
<u>L55</u>	(11)and (silver) and water	94	<u>L55</u>
<u>L54</u>	(11 or 12) and (copper or silver or chloride or potassium) oil and (octadecylbenzyltrimethylammonium chloride or tetradecyltrimethylammonium chloride or dihexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride or hexadecylbenzyltrimethylammonium chloride or palmityltrimethylammonium chloride)	1187	<u>L54</u>
<u>L53</u>	12 and (octadecylbenzyltrimethylammonium chloride or tetradecyltrimethylammonium chloride or dihexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride or hexadecylbenzyltrimethylammonium chloride or palmityltrimethylammonium chloride)	221	<u>L53</u>
<u>L52</u>	12 and (octadecylbenzyltrimethylammonium chloride or tetradecyltrimethylammonium chloride or dihexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride or hexadecylbenzyltrimethylammonium chloride or palmityltrimethylammonium chloride)	0	<u>L52</u>

	palmityltrimethylammonium chloride)		
<u>L51</u>	11 and (octadecylbenzyltrimethylammonium chloride or tetradecyltrimethylammonium chloride or dihexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride or hexadecylbenzyltrimethylammonium chloride or palmityltrimethylammonium chloride)	0	<u>L51</u>
<u>L50</u>	oil near5 (didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	3	<u>L50</u>
<u>L49</u>	oil and (didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	96	<u>L49</u>
<u>L48</u>	oil near 5(didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	0	<u>L48</u>
<u>L47</u>	(12) and (didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	0	<u>L47</u>
<u>L46</u>	(11) and (didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	0	<u>L46</u>
<u>L45</u>	(plant oil or essential oil) and (didodecyltrimethylammonium chloride or dodecylbenzyltrimethylammonium chloride or tetradecylbenzyltrimethylammonium chloride)	4	<u>L45</u>
<u>L44</u>	(plant oil or essential oil) and (octadecyltrimethylammonium chloride or dodecyltrimethylammonium chloride or hexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride)	20	<u>L44</u>
<u>L43</u>	12 and (octadecyltrimethylammonium chloride or dodecyltrimethylammonium chloride or hexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride)	0	<u>L43</u>
<u>L42</u>	11 and (octadecyltrimethylammonium chloride or dodecyltrimethylammonium chloride or hexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride)	6	<u>L42</u>
<u>L41</u>	11 and (octadecyltrimethylammonium chloride or dodecyltrimethylammonium chloride or hexadecyltrimethylammonium chloride or dioctadecyltrimethylammonium chloride)	0	<u>L41</u>
<u>L40</u>	(L2 or 11) same (cetyl trimethyl or ammonium chloride or dimethoxyethyl hydroxyethyl methyl ammonium chloride)	1	<u>L40</u>
<u>L39</u>	(L2 or 11) near5 (cetyl trimethyl or ammonium chloride or dimethoxyethyl hydroxyethyl methyl ammonium chloride)	0	<u>L39</u>

<u>L38</u>	(L2 and l1)and (cetyl trimethyl or ammonium chloride or dimethoxyethyl hydroxyethyl methyl ammonium chloride)	69	<u>L38</u>
<u>L37</u>	L2 and (cetyl trimethyl or ammonium chloride or dimethoxyethyl hydroxyethyl methyl ammonium chloride)	100	<u>L37</u>
<u>L36</u>	L1 and (cetyl trimethyl or ammonium chloride or dimethoxyethyl hydroxyethyl methyl ammonium chloride)	223	<u>L36</u>
<u>L35</u>	L34 and (clean\$4 or disinfect\$3 or sanitiz\$3)	219	<u>L35</u>
<u>L34</u>	(l1) and (copper sulfate or clue vitriol or vitriol or copperas or blue stone or cupric carbonate or silver or colloidal silver or sodium chloride or NaCl)	471	<u>L34</u>

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L33</u>	L32 and (l1 or l2)	0	<u>L33</u>
<u>L32</u>	L31 and (myristyl acetate or dimethyl ammonium chloride or stearamidopropyl dimethyl cetearyl or ammonium tosylate or stearamidopropyl dimethyl ammonium chloride or stearamidopropyl dimethyl ammonium lactate)	3	<u>L32</u>
<u>L31</u>	((424/725 )!.CCLS. )	635	<u>L31</u>

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<u>L30</u>	l2 and (myristyl acetate or dimethyl ammonium chloride or stearamidopropyl dimethyl cetearyl or ammonium tosylate or stearamidopropyl dimethyl ammonium chloride or stearamidopropyl dimethyl ammonium lactate)	11	<u>L30</u>
<u>L29</u>	l1 same (myristyl acetate or dimethyl ammonium chloride or stearamidopropyl dimethyl cetearyl or ammonium tosylate or stearamidopropyl dimethyl ammonium chloride or stearamidopropyl dimethyl ammonium lactate)	0	<u>L29</u>
<u>L28</u>	l1 and (myristyl acetate or dimethyl ammonium chloride or stearamidopropyl dimethyl cetearyl or ammonium tosylate or stearamidopropyl dimethyl ammonium chloride or stearamidopropyl dimethyl ammonium lactate)	66	<u>L28</u>
<u>L27</u>	(plant oil or essential oil) same (stearamidopropyl PG-dimonium or chloride phosphate or stearamidopropyl ethyldimonium ethosulfate or stearamidopropyl)	1	<u>L27</u>
<u>L26</u>	(plant oil or essential oil) and (stearamidopropyl PG-dimonium or chloride phosphate or stearamidopropyl ethyldimonium ethosulfate or stearamidopropyl)	86	<u>L26</u>
<u>L25</u>	l2 and (stearamidopropyl PG-dimonium or chloride phosphate or stearamidopropyl ethyldimonium ethosulfate or stearamidopropyl)	6	<u>L25</u>
<u>L24</u>	L23 and l2	6	<u>L24</u>
<u>L23</u>	l1 and (stearamidopropyl PG-dimonium or chloride phosphate or stearamidopropyl ethyldimonium ethosulfate or stearamidopropyl)	52	<u>L23</u>
<u>L22</u>	l20 and (clean\$4 or disinfect\$3 or sanitiz\$3)	58	<u>L22</u>
<u>L21</u>	(l16 or l17) and l3	7	<u>L21</u>

<u>L20</u>	(cationic surfactant or cationic emulsifier or NaCl or sodium chloride cupric sulfate or copper sulfate or cupric carbonate or silver or Ag\$9 or Cu\$9) and l3	123	<u>L20</u>
<u>L19</u>	(cationic surfactant or cationic emulsifier or NaCl or sodium chloride cupric sulfate or copper sulfate or cupric carbonate or silver or Ag\$9 or Cu\$9)	1713475	<u>L19</u>
<u>L18</u>	L17 near3 example	293	<u>L18</u>
<u>L17</u>	cationic emulsifier	1642	<u>L17</u>
<u>L16</u>	cationic surfactant	17	<u>L16</u>
<u>L15</u>	L13 and l12	3	<u>L15</u>
<u>L14</u>	L13 and l13	3	<u>L14</u>
<u>L13</u>	l2 and (clean\$4 and disinfect\$3 and sanitiz\$3)	3	<u>L13</u>
<u>L12</u>	l1 and (clean\$4 and disinfect\$3 and sanitiz\$3)	6	<u>L12</u>
<u>L11</u>	l1 and (clean\$4 or disinfect\$3 or sanitiz\$3)	555	<u>L11</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L10</u>	L8 and (l1 and l2)	1	<u>L10</u>
<u>L9</u>	L8 and (l1 or l2)	1	<u>L9</u>
<u>L8</u>	us-5403587-\$.did.	1	<u>L8</u>
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L7</u>	us-5403587-\$.did.	0	<u>L7</u>
<u>L6</u>	L4 same (clean\$4 or disinfect\$3 or sanitiz\$3)	6	<u>L6</u>
<u>L5</u>	L4 and (clean\$4 or disinfect\$3 or sanitiz\$3)	123	<u>L5</u>
<u>L4</u>	L2 same l1	299	<u>L4</u>
<u>L3</u>	L2 and l1	353	<u>L3</u>
<u>L2</u>	thyme oil	627	<u>L2</u>
<i>DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	clove oil	1536	<u>L1</u>

END OF SEARCH HISTORY